

acm Q 2200

Description

The Q Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 1RU package. The Q Series amps also feature Automatic Clip Limiting to protect connected drivers; Impedance sensing to accommodate varying impedance outputs; tunnel-cooled, high efficiency heat sinks; and variable-speed DC fans to limit the operating temperature and extend amplifier life.

	8 Ohm stereo	4 Ohm stereo	8 Ohms bridged	Weight
Q2200	200W	300W	600W	13kg
Q2280	280W	420W	840W	14kg



Q 2200 acmaudio **Professional Power Amplifier**
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Q 2200 Professional Power Amplifier



Specifications

Rated power bridge mode 8 Ohms
600Watts @ 1 kHz at <0.1% T.H.D.

Rated power (2 X 4 Ohms)
300 Watts per channel @ 1 kHz at <0.1% T.H.D. both channels driven

Rated power (2 X 8 Ohms)
200 Watts per channel @ 1 kHz at <0.1% T.H.D. both channels driven

Input CMRR
>-65 dB @ 1 kHz

Power bandwidth
10 Hz - 50kHz; +0, -0.5 dB at rated 100 Watts 8 Ohm power

T.H.D.(2 X 4 Ohms)
<0.05% @ 200 Watts per channel from 20 Hz to 20 kHz

T.H.D.(2 X 8 Ohms)
<0.05% @ 150 Watts per channel from 20 Hz to 20 kHz

Rated power (1 X 4 Ohms)
330 Watts @ 1 kHz at <0.1% T.H.D.

Rated power (1 X 8 Ohms)
220 Watts @ 1 kHz at <0.1% T.H.D.

Minimum load impedance
4 Ohms

Maximum RMS voltage swing
49Volts

Frequency response
10 Hz - 100 kHz; +0, -3 dB at 1 Watt

Phase response
+5 to -15 from 20 Hz to 20 kHz

Input impedance
20 k Ohms, balanced ; 10 k Ohms, unbalanced

Cooling
Low temperature dependant variable speed 40mm high output DC fans

Controls
Two front panel attenuators, rear panel mode switch and gain select switch

Voltage gain
0.775V, 32 dB or 26 dB

Crosstalk
>-60 dB @ 1 kHz at rated power @ 8 Ohms

Hum and noise
>-106 dB, "A" weighted referenced to rated power @ 8 Ohms

Slew rate
>22V/us

Damping factor (8 Ohms)
>500:1 @ 20Hz - 1 kHz

Indicator LEDs
2 Clip, 2 signal presence, 2 active status/ 2 Protection

Protection
Thermal, DC, turn-on bursts, incorrect loads

Connectors
XLR, Speakon and Binding Post speaker output, 240/230 Volt 5 amp IEC mains

Construction
16 ga. Steel

Dimensions
44 mm x 483 mm x 480 mm

Net weight
12kg

Gross weight
13kg